

PATENT COOPERATION TREATY



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference PCT04107 | FOR FURTHER ACTION See Form PCT/IPEA/416 | |
| International application No. PCT/KR2004/002874 | International filing date(day/month/year) 08 NOVEMBER 2004 (08.11.2004) | Priority date (day/month/year) 14 NOVEMBER 2003 (14.11.2003) |
| International Patent Classification (IPC) or national classification and IPC H04L 9/32(2006.01)i | | |
| Applicant NETS CO., LTD. et al | | |

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
- a. ☐ (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:
- ☐ sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
- ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
- b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items:
- ☒ Box No. I Basis of the report
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

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| Date of submission of the demand 04 APRIL 2005 (04.04.2005) | Date of completion of this report 03 MARCH 2006 (03.03.2006) |
| Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140 | Authorized officer LEE, Dong Hwan Telephone No. 82-42-481-5755  |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/KR2004/002874

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☒ This report is based on translations from the original language into the following language English, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☒ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages* _____ as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

| | | | |
|-------------------------------|--------|-------|-----|
| Novelty (N) | Claims | 1 ~ 4 | YES |
| | Claims | None | NO |
| Inventive step (IS) | Claims | 1 ~ 4 | YES |
| | Claims | None | NO |
| Industrial applicability (IA) | Claims | 1 ~ 4 | YES |
| | Claims | None | NO |

2. Citations and explanations (Rule 70.7)

Reference is made to the following document :

D1 : US 6584505 B1 (Microsoft Corp.) 24 June 2003
(see abstract, figure 1, claims 1, 17, 27)

D2 : US 6519647 B1 (Microsoft Corp.) 11 February 2003
(see abstract, figure 6, claim 1, 10, 17, 23)

Claims 1~4 of the present application relate to an apparatus for extranet access control, wherein a domain web server examines the authorization status of each domain by using ACL(access control list), then AA(authentication and authorization) server authenticates and authorizes the encrypted role information cookie which is generated from the domain web server, then the authorization information storage module saves ACL and ACE(access control entry).

On the other hand, the prior art D1 discloses a method for granting access to a network server by granting or denying access to the user according to whether the user is authenticated or not and the prior art D2 discloses a method for synchronizing access control in a web server wherein one or more of the security settings for one or more of the access control mechanisms are set when a security scenario is selected.

But none of the above documents teach or fairly suggest the feature of present invention that comprises a domain web server, authentication and authorization server, and a authorization information storage module.

It is thus believed that claims 1~4 meet the criteria set out in PCT Article 33(2)-(4)